

20080916.ba v04_n209.bam.20080916

>From ???@??? Tue Sep 16 21:50:10 2008 -0500
Date: Tue, 16 Sep 2008 21:49:18 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4209
Message-Id: <20080917024654.AA44510B132@srvr1.theporch.com>

BOATANCHORS Digest 4209

Topics covered in this issue include:

- 1) Re: Ham exams.
by "JAMES HANLON" <knjhanlon@msn.com>
- 2) First ham station.
by "Ken" <n5cm@rtconline.com>
- 3) Re: First ham station.
by "David Stinson" <arc5@ix.netcom.com>
- 4) Re: First ham station.
by "Chuck Grandgent" <chuck@chuckg.com>
- 5) Re: First ham station.
by ail0@att.net
- 6) How to tune a Wien bridge oscillator
by "Arden Allen" <gumbear@pacbell.net>
- 7) The original Wien bridge oscillator patent
by "Arden Allen" <gumbear@pacbell.net>
- 8) valve factory video
by "Morris Odell" <vilgotch@bigpond.net.au>
- 9) New WWII Era Resource Now On-line
by Jerry Proc <jerry7proc@yahoo.com>
- 10) Looking for info - AEW2 receiver
by "Art Lebermann" <artleb@earthlink.net>
- 11) Need manual - Triplet sweep gen.
by "Art Lebermann" <artleb@earthlink.net>
- 12) RBC Ballast tube question
by John J Mccarty <jmccarty@alcatel-lucent.com>
- 13) Re: RBC Ballast tube question
by wf2u@ws19ops.com
- 14) Re: First ham station.
by "Paul Christensen" <w9ac@arrl.net>
- 15) Re: First ham station.
by "Jim Isbell, W5JAI" <jim.isbell@gmail.com>
- 16) Time Delay Tube
by "Bob Kemp" <bkemp@bobkemp.com>
- 17) First ham Station
by W0EOM@aol.com
- 18) Re: First ham station.

by WA5CAB@cs.com

Message-ID: <BAY110-DAV5C47C19783831F69DAAB6A0530@phx.gbl>

From: "JAMES HANLON" <knjhanlon@msn.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Ham exams.

Date: Sat, 13 Sep 2008 22:10:44 -0600

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ken,

Like Sandy, I'm near the vintage of your first licenses. I was born in August of 1938.

I took my Novice and Technician tests in February of 1952. I had to draw a diagram of a crystal oscillator that would give output on harmonics of the crystal frequency. The ARRL License Manual advised drawing a Colpits circuit, but I liked the tri-tet so that's what I put down. My FCC examiner, Mr. Cotton, got a kick out of it.

Mr. Cotton had us all scared to death, but he was really a quite decent guy. For my novice exam there were a whole bunch of young, white boys and one adult, black man. The black man survived the receiving test, but he was so nervous that he really flubbed the sending test. Mr. Cotton could have just flunked him on the spot, but he got him to calm down and try it again. He passed on his second try. I learned something that day!

Several years after I got my general class ticket I worked a spark station on 40 meters, no kidding. He was a Cuban. His signal was maybe 10 kc wide and it just sounded like keyed hash. Several guys worked him before I did and they kept telling him that he had a lousy signal and to get off the air. His response to them was that his government allowed him to use spark and he was going to continue doing it. I worked him and we had a very interesting QSO talking about his transmitter. It was the only time I've ever heard a spark on the air.

I did see the one KW rotary gap spark transmitter at the AWA Museum in action one time, a cacophony of crashing sound, flashing light, and ozone smell. I wish they would tie it to an antenna now and then and put it on the air for special occasions so we all could have the experience of listening to King Spark at least once in our lives.

I got a first phone in the spring of 1956. As I recall that was not a multiple choice test either. It lead to a three summer "career" as a summer

relief engineer at WCPO-TV in Cincinnati. That was a good job. It paid well and I had to work every weekend and get weird days off like Tuesday and Wednesday, so I couldn't go out and spend much money with my friends. I saved it for college expenses instead.

Tell us some more about what it was like to be a ham in the 30's, Ken. What kind of gear did you have?

73,

Jim, W8KGI

Message-ID: <005201c91678\$ffde11c0\$020fa8c0@KEN>
From: "Ken" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: First ham station.
Date: Sun, 14 Sep 2008 07:48:49 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi James & Group,

After getting my ham license, W5HHA, I found out working DX was not for me with that call! I found DX stations seemed to answer calls that had a predominance of dashes in them. I guess they were easier to read thru the "pile ups". I finally gave up the idea of DX'ing.

Back in 1938, still coming up slowly from the great depression, money was scarce! I found enough solid copper wire as used back then in house wiring for my flat top and made the open wire feeders out of #18 primary windings from discarded automobile spark coils. Had to chop the metal cases open with a hatchet! I had about 130 ft. flat top and 30 feet high. I whittled out my open wire feeder spacers out of fat pine which is almost solid resin, very hard and of course water proof. I found the correct spacing for the 18 gauge feeder wires from the arrl handbook.

My transmitter was flea power, single type 47 tube from an old TRF radio a neighbor gave me. The 47 was the audio output tube. I got the circuit and description from an article in QST as I recall. It was labeled a "Pull Pull" oscillator. I have been trying to find a copy of it for decades but unsuccessfully. I can visualize the page in QST where it was - in Hints & Kinks. If anyone has the back issues of QST from March 1938 going back several issues I would appreciate if you would take a look and if you have it, send me a copy of the article.

I made a mistake! I thought I had wound the 40 meter coil but found

later that I had wound the one for 20 meters. My first contact on 20 CW was W2HXT in New York city. What a thrill!! I almost fell off the rotary piano stool I was sitting on!

My receiver was a two tube regenerative one using a type 58 and a 56 audio amp.

The 47 tube, being a filament type (not a cathode type) meant I had to wind chokes for each filament lead, bridge across with two condensers in series with feedback connected between the two condenser so as not to have the 2.5 filament a/c voltage modulate the output signal.

Guess that about does it James. I didn't get any manufactured gear until after WW2 when I bought a Hallicrafters SX-16 from a fellow worker and converted an ARC-5 transmitter, the one that covers 40 meters which I used until I managed to get a Central Electronics 10B exciter and built up a linear using one modified 1625 driving four modified 1625's in parallel grounded grid.

The modified 1625 were certain brands which had the suppressor grid lead coming out of the glass envelope and soldered in with the cathode lead. Fortunately there is a blank pin next to the cathode pin so it is possible to unsolder the leads in the cathode pin, identify the suppressor grid lead, move it over the blank pin and solder it in. Now both the screen grid and suppressor grid can be grounded. As I recall, the RCA brand could not be modified because the suppressor grid was connected to the cathode within the glass envelope.

Whew! That was a long time ago!

Take care,

Ken N5CM

----- Original Message -----

From: "JAMES HANLON" <knjhanlon@msn.com>

To: "Old Tube Radios" <boatanchors@theporch.com>; "Ken" <n5cm@rtconline.com>

Sent: Saturday, September 13, 2008 9:10 PM

Subject: Re: Ham exams.

> Ken,

>

> Like Sandy, I'm near the vintage of your first licenses. I was born in
> August of 1938.

>

> Tell us some more about what it was like to be a ham in the 30's, Ken.
What

> kind of gear did you have?

>
> 73,
>
> Jim, W8KGI

--

I am using the free version of SPAMfighter for home users.
SPAMfighter has removed 1517 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: <http://www.spamfighter.com/len>

Message-ID: <1DB841D31A134B1581FE89EAE702297D@boudreaux>
From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: First ham station.
Date: Sun, 14 Sep 2008 08:16:22 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

My first ham station:
Novice call WN5GHN, 1971 or '72 I think.
BC-459 transmitter with homebrew supply and a pronounce chirp
(I've learned a few things since then :).
Soon replaced with a Globe Scout 680 and one crystal
on 7167 KC. They changed the band near the end of
my Novice days and I had to save for a rock on 7125 KC.
Hallicrafters S-120 receiver. The whole 40 meter band
was about 1/4 inch of the main dial. You could hear the
whole Novice band at once.
Antenna switch was an antique single-pole knife switch
copped from my Dad's electrical supplies.
I had a "Three-State Auto Map" pinned to the wall,
showing Louisiana, Arkansas and east Texas.
I put pins in each location I contacted.
I don't think I've been that thrilled with ham radio since.
73 D.S.

Message-ID: <a913924b0809140649p4ec0ec0m59280cfb5b2eb71@mail.gmail.com>
Date: Sun, 14 Sep 2008 09:49:43 -0400
From: "Chuck Grandgent" <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: First ham station.
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_Part_26714_21875578.1221400183811"

-----=_Part_26714_21875578.1221400183811
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Well I am very impressed how well some remember their early days, much better than I can.

I remember taking classes at the Granby, CT town hall, I believe Lew McCoy, W1ICP was involved. I got my novice license as WN1FNJ in early December, 1965. First rig was Heath AT-1 and my trusty KnightKit Star Roamer SWL receiver, I never did make any contacts with that combo. The AT-1 would load up into a light bulb OK. Luckily Xmas was close and my father bought for me, from a work friend, the Heath mobile combo HR-20 receiver / HX-20 transmitter. He supplied with it a tube adapter that would allow it to be crystal controlled, as the requirement was then.

My first QSO was with WN1FOG, Bailey Island, Maine (wonderfull call for that QTH, eh ?). I was shaking so hard I could hardly send.

I don't remember getting my general, I do remember taking the bus up to Boston to get my Extra, either '67, or '69, maybe after another cup of coffee I might remember. I don't remember the name of the test-giver. All I remember is a great number didn't pass the tests. I do remember I had to draw either a Colpitts or Hartley oscillator, or both.

Frankly the HR20/HX20 combo was not all that great although I did make a large number of contacts with it. My next step up was a used SX-101 receiver and DX-100 transmitter, that was really a nice pair.

I congratulate all on the list who have survived with more brain cells than I have.

Of course there was the incident in the early 70's where I was repairing a guitar amplifier while standing barefoot on a concrete floor. I came to on the other side of the room with a burning smell in my nose and a headache for a couple weeks, maybe that has something to do with it.

Chuck, K10M

-----=_Part_26714_21875578.1221400183811
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_Part_26714_21875578.1221400183811--

From: ail0@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: First ham station.
Date: Sun, 14 Sep 2008 17:17:41 +0000
Message-Id:
<091420081717.26149.48CD4735000486AC0000662522230647029B0A02D29B9B0EBFCF04070E@att.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="NextPart_Webmail_9m3u9jl4l_26149_1221412661_0"

--NextPart_Webmail_9m3u9jl4l_26149_1221412661_0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

I still have my first logbook so I can speak definitely:
I lived in Somerville, NJ and took the Jersey Central RR to Jersey City where you got on a ferry to "South Ferry", which later become the site of the World Trade Center, I walked doen Dey Street to the Federal Office Building to tke my exam. The I walked down Courtland St to "Radio Row where I purchased an ARC5 transmitter and receiver and some power supply parts and started to build a station. (I knew I passed the test, so I staeted buying parts.) The antenna was a wire out of my bedroom window to the garage and the ground was the steam radiator. My call was W2WTJ and my first attempt at a QSO was on 12/22/47.
No contacts. Eventually I realized that the antenna was grounded inside the xmtrr!
First contact was later that day with W2WKS. As I recall, he lived near by. The logbook shows 174 contacts through April 18, 1948.
Then I went off to college (Lehigh University, graduate school (Princeton andStanford Universities) and marriage and children, etc. My plan is to revive my old station and see whom I can contact.
ART
Now K3HBA

0

I connected the xmttr to a wire running

--NextPart_Webmail_9m3u9jl4l_26149_1221412661_0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--NextPart_Webmail_9m3u9jl4l_26149_1221412661_0--

Message-ID: <003501c916a8\$31e1d3d0\$b39e480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: How to tune a Wien bridge oscillator

Date: Sun, 14 Sep 2008 13:26:23 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Doing a little research on the Patent Office website it turns out that Mr. Hewlett managed to get two patents, one for a resistance tuned Wien bridge oscillator, #2,583,649, and one for a capacitance tuned oscillator, #2,583,943. Obviously Bill figured out that variable capacitor tuning was a better way to do things and covered himself accordingly.

Arden Allen

KB6NAX

Message-ID: <000901c916ab\$49994550\$b39e480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: The original Wien bridge oscillator patent
Date: Sun, 14 Sep 2008 13:47:51 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I forgot to mention the famous original 1939 patent is #2,268,872. Also note that the frequency tuning mechanism is a variable capacitor!

So the question becomes, did HP manufacture any equipment with a resistance tuned Wein bridge oscillator within?

Arden Allen
KB6NAX

Message-ID: <003901c916fc\$96cac2d0\$ad00a8c0@Morris1>
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: valve factory video
Date: Mon, 15 Sep 2008 16:30:47 +1000
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

Hi all,

I don't know if anyone has posted this here yet, but here is a wonderful video of valve (vacuum tube) manufacture. You'll love it!

73, Morris

> http://www.techtubevalves.com/about_us/film_reels.php

Date: Mon, 15 Sep 2008 08:35:57 -0700 (PDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: New WWII Era Resource Now On-line
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=utf-8
Content-Transfer-Encoding: quoted-printable

Message-ID: <910014.50410.qm@web90603.mail.mud.yahoo.com>

Hello Everyone,

A declassified, WWII book titled "POLICY AND REGULATIONS FOR FIXED SIGNAL SERVICES IN CANADA - September 1944" has been posted to: <http://www.rcsig.ca/ViewItem/19835/>

This might prove to be a useful resource for members of this group. Thanks to Joe Costello of RC Sigs who made the effort to scan the book in its entirety and also to Denis Chouinard VE2DSH who made the book available in the first place.

--

Regards,

Jerry Proc

E-mail: jerry7proc@yahoo.com -----
----- Connect with friends from any web browser - no download required. Try the new Yahoo! Canada Messenger for the Web BETA at <http://ca.messenger.yahoo.com/webmessengerpromo.php>

Message-ID: <380-220089115161254343@earthlink.net>

From: "Art Lebermann" <artleb@earthlink.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Looking for info - AEW2 receiver

Date: Mon, 15 Sep 2008 09:12:54 -0700

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

I recently purchased a WW2 vintage "morale" receiver, but I've not been able to find any references. The dial is marked "Armed Forces Radio Service" and "AEW2 N.Z." As I understand, this indicates that the set was designed for the New Zealand military. It's a 5-tube set, operating on 110 vac, and covering only the AM broadcast band. I can supply photos, on request. Any info on this set will be much appreciated.

73,

Art Lebermann

W6REQ

Message-ID: <380-2200892167175327@earthlink.net>

From: "Art Lebermann" <artleb@earthlink.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need manual - Triplet sweep gen.
Date: Tue, 16 Sep 2008 00:17:53 -0700
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Does anyone have a manual (and/or schematic) for a Triplet TV-FM sweep generator, model 3434-A? This unit dates to around 1956.

Thanks!
Art Lebermann
W6REQ
artleb@earthlink.net

Message-ID: <48D01BAA.9080305@lucent.com>
Date: Tue, 16 Sep 2008 15:48:42 -0500
From: John J Mccarty <jmccarty@alcatel-lucent.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RBC Ballast tube question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Given that I may not find a replacement 6-8 ballast tube for the osc filament, is there a standard "mod", like two 10v zeners back to back that will work the same? I clipped the osc filament to the dial lamp string to bring the set back to life. Neat radio. Hears very well with a short hunk of wire as an antenna. I actually picked up two of them, would not mind trading one for an RBB.

tnx + 73

John n9hrt

Message-ID: <20080916162300.hyd2pys9mo4wo00w@webmail.opentransfer.com>
Date: Tue, 16 Sep 2008 16:23:00 -0500
From: wf2u@ws19ops.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RBC Ballast tube question
MIME-Version: 1.0
Content-Type: text/plain;

charset=ISO-8859-1;
DelSp="Yes";
format="flowed"
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

You can leave the oscillator filament as it is. The ballast tube =20 really doesn't do anything in a standard household electrical circuit =20 environment. The lack of it won't make any difference in actual =20 performance and stability.
Shipboard power can fluctuate, especially under battle conditions, so =20 the ballast tube helps there.
I have the RBB and RBC and they're great receivers.

In fact, I'm looking for an RBA to complete the series; I have an =20 extra RBC to swap for it...

73, Meir WF2U
Landrum, SC

Quoting John J Mccarty <jmccarty@alcatel-lucent.com>:

>
> Given that I may not find a replacement 6-8 ballast tube for the osc =20
> filament,
> is there a standard "mod", like two 10v zeners back to back that =20
> will work the
> same? I clipped the osc filament to the dial lamp string to bring the =20
> set back to
> life. Neat radio. Hears very well with a short hunk of wire as an antenna.=
I
> actually picked up two of them, would not mind trading one for an RBB.
>
>
> tnx + 73
>
>
> John n9hrt
>
>

Message-ID: <000a01c9184d\$fbcca110\$1f3ca8c0@D2GPY9C1>
From: "Paul Christensen" <w9ac@arrl.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: First ham station.

Date: Tue, 16 Sep 2008 18:45:55 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="UTF-8";

reply-type=original

Content-Transfer-Encoding: 7bit

With all this talk about first ham stations, it reminded me that I needed to dust-off my first transmitter and give it a test. Constructed by "yours truly"

at the ripe age of 12 in 1970, the transmitter is an adaptation of a construction article from the December, 1957 issue of QST. No doubt many of you have seen an iteration of this transmitter during your earlier years.

My transmitter is essentially the same as that described by Lew McCoy in his article, but

owing to resource limitations as a kid whose only income was \$11/month (yes, per month) from a paper route, I managed to cannibalize parts from an old Philco B&W television for most of the expensive parts, including the power transformer, PS chokes, tubes, sockets, and a slew of carbon composition resistors and mica caps. League members can view the original construction article here:

<http://p1k.arrl.org/cgi-bin/toppdf.cgi?id=38987&pub=qst>

While the two transmitters are essentially the same in function, the primary difference is in component layout, cosmetics, and type of chassis used.

<http://216.229.20.37/images/TX1.jpg>

<http://216.229.20.37/images/TX2.jpg>

<http://216.229.20.37/images/TX3.jpg>

<http://216.229.20.37/images/TX4.jpg>

<http://216.229.20.37/images/TX5.jpg>

<http://216.229.20.37/images/TX6.jpg>

<http://216.229.20.37/images/TX7.jpg>

My OM worked for AT&T Long Lines, and from time-to-time, he was able to secure various odds and ends from old, discarded telco equipment. In the photos, you will see a Western Electric milliammeter inserted into a piece of Long Lines equipment that formed the basis for the transmitter's chassis.

As I recall, the original Western Electric equipment was 2-3 times longer than the

length of the transmitter. In the last photo, you will see a 12-year-old's attempt at shortening a chassis by cutting it half, then folding the ends to make something that looks like it just might hold

together.

Due to the simplicity of the transmitter, I recall that it worked on first attempt. However, since a single 6DQ6 is used as the oscillator/buffer/output PA, tank tuning & loading greatly affects the transmitter's tone quality. The inclusion of the on-board OD3 screen regulator was McCoy's attempt to stabilize chirp. It's bad enough with the OD3 -- I cannot imagine what it would sound like without one.

Why did I paint the chassis in avocado green? It was the only can of paint I could find in the garage. This was the early "seventies" after all, and orange/avocado were popular colors then. Over the years, I cannot tell you how much kidding I received from friends who would refer to it as the "Green Beast." The transmitter went on to become the first novice transmitter for several friends and remains a centerpiece of discussion with them to this day.

Shortly after constructing the transmitter, I constructed a matching monimatch SWR bridge -- also using WE parts for the meter and chassis. Not sure what became of it...

Paul, W9AC

Message-ID: <b0295dbe0809161657k419197c90a36258c1c7be4e66@mail.gmail.com>
Date: Tue, 16 Sep 2008 18:57:58 -0500
From: "Jim Isbell, W5JAI" <jim.isbell@gmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: First ham station.
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

My first rig was, in 1958, a Harrestahl Laboratories NE-6 Transmitter on 6 meters mobile with a International Crystal converter into the cars AM reciever. The transmitter was a gift from another ham and I bought the converter out of my \$90 a month salary.

I sold the Transmitter years ago, but recently found another that I bought and I still have the converter. Wish I could find an NE-2 transmitter. If the sun spots come back I will install the rig in my car again. AM 6 meters in the days of international 50 mhz DX was really great. Some day the sunspots will come back again...causing global cooling...and long distance VHF. The King is dead, Long live the King.

"If you are not living on the edge, well then, you are just taking up too much space."

This is a multi-part message in MIME format.

I'm in need of a 90 second time delay relay - It's a 9 pin with markings =
of: 117-45-90 on the side. Shows TDR Electronics. Anyone have one for =
me?
Bob
wa0vrc

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---
*      This post contains a forbidden message format
*      (such as an attached file, a v-card, HTML formatting)
*      Mail Lists at theporch.com only accept PLAIN TEXT
*      If your postings display this message your mail program
*      is not set to send PLAIN TEXT ONLY and needs adjusting
* * * * *
```

* * * * *

-----=_NextPart_000_0007_01C91839.FFD93FC0--

From: W0E0M@aol.com
Message-ID: <c66.3a5bf298.3601c073@aol.com>
Date: Tue, 16 Sep 2008 22:07:47 EDT
Subject: First ham Station
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1221617267"

-----1221617267
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I got my novice license in 1951, while in the USAF. After graduating as a Radar Observer, i was assigned to a squadron at Dover AFB, Del. The base had been reactivated and i soon set up a MARS station, with an ART-13, and built my own 813 rig right out of the ARRL HB.

I did most of my operating from the car using an Elmac AF-67 and a Gonset converter. most on 10 meter AM. usually only had to call CQ once, and i would get many answers. Once the band opened while taking my girl friend for a drive. She asked - Do you do this often? Ever finished several WAS's for people. Now active only on the microwaves.

Will Jensby ex-W3WVU, W0E0M, WA6BQ0, K7JSJ, DL4IA. Later got my current call back.

*****Psssst...Have you heard the news? There's a new fashion blog, plus the latest fall trends and hair styles at StyleList.com.
(<http://www.stylelist.com/trends?ncid=aolsty00050000000014>)

-----1221617267
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *

* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----1221617267--

From: WA5CAB@cs.com
Message-ID: <bf1.39e888ce.3601ca65@cs.com>
Date: Tue, 16 Sep 2008 22:50:13 EDT
Subject: Re: First ham station.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_bf1.39e888ce.3601ca65_boundary"

--part1_bf1.39e888ce.3601ca65_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

My first rig was a BC-610-E. Second was a T-47A/ART-13 and third was a BC-610-F. Receivers during the period were several Super Pro's, SP-110, SP-210 and all four of the military variants, plus an RBA/RBB/RBC set.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

--part1_bf1.39e888ce.3601ca65_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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End of BOATANCHORS Digest 4209
